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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/770,577	02/04/2004	Tadashi Sasaki	0879-0427P	2337
2292	7590	08/18/2005		EXAMINER
BIRCH STEWART KOLASCH & BIRCH				HASAN, MOHAMMED A
PO BOX 747				
FALLS CHURCH, VA 22040-0747			ART UNIT	PAPER NUMBER
			2873	

DATE MAILED: 08/18/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/770,577	SASAKI ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Mohammed Hasan	2873	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

**A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.**

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1) Responsive to communication(s) filed on 29 June 2005.  
 2a) This action is FINAL.                    2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

4) Claim(s) 1 - 3 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_\_ is/are allowed.  
 6) Claim(s) 1 - 3 is/are rejected.  
 7) Claim(s) \_\_\_\_\_ is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on 04 February 2004 is/are: a) accepted or b) objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date: _____
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date: _____	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
	6) <input type="checkbox"/> Other: _____

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1- 3 are rejected under than 35 U.S.C. 102 (b) as being anticipated by Kobayashi (5,781,818).

Regarding claim1, Kobayashi discloses (refer to figures 1 and 2) a lens apparatus (59) capable of performing serial and parallel communication with a camera body through a serial and parallel communication interface (i.e., a microcomputer 1) comprising: a selection device (i.e., switches 64 and 65), which prohibits the serial communication (i.e., the DBUS of the camera control microcomputer 1 is arranged receive parallel data of 8 bits) (column 3, lines 35 – 67, column 4, lines 1 – 54, column 5, lines 15 – 27) .

Regarding claim 2, Kobayashi discloses (refer to figures 1 – 2) the serial communication is prohibited by selection device (i.e., switches 64 and 65) parallel communication is performed with a camera body (i.e., the DBUS of the camera control

microcomputer 1 is arranged receive parallel data of 8 bits) (column 3, lines 35 – 67, column 4, lines 1 – 54, column 5, lines 15 – 27).

Regarding claim 3, Kobayashi discloses, the serial communication is prohibited by selection device (i.e., switches 64 and 65) a processing speed of a processing circuit loaded in to lens apparatus (59) is reduced (column 17, lines 47 – 59).

### ***Response to Arguments***

2. Applicant's arguments filed 6/292005 have been fully considered but they are not persuasive.

In response to applicants argument that Kobayashi (( 5,781,818) discloses(refer to figures 1 and 2) a lens apparatus (59) capable of performing serial communication with a camera body through a serial communication interface (i.e., a microcomputer 1) and a selection device (i.e., switches 64 and 65), which prohibits the serial communication (i.e., the DBUS of the camera control microcomputer 1 is arranged receive parallel data of 8 bits) (column 3, lines 35 – 67, column 4, lines 1 – 54, column 5, lines 15 – 27) and when the serial communication stop system turn to the parallel communication (i.e., DBUS of the camera control microcomputer 1 is arranged received parallel data of 8 bits, column 4, lines 1 – 54). However, lens apparatus (59) communicate with a camera body through parallel communication. Kobayashi further discloses the communication can be carried out by the conventional open drain method at a low speed (column 17, lines 56 – 58).

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The closest prior art

Kanayama et al (6,734,912 B1) discloses, a TV lens system including a TV lens apparatus and a control unit , CPU of the TV lens apparatus and the control unit monitor intervals between received data in serial communication in a digital control mode.

Kawasaki et al (4,945,376) discloses, a camera having interchangeable lenses.

Kawasaki et al (5,713,052) discloses, a camera system and photographing lens thereof.

### ***Conclusion***

4. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mohammed Hasan whose telephone number is (571) 272-2331. The examiner can normally be reached on M-TH, 7:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Georgia Epps can be reached on (571) 272- 2328. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MH  
August 11, 2005



Georgia Epps  
Supervisory Patent Examiner  
Technology Center 2800